

**MATERIAL STANDARD****TAPE, ELECTRICAL, PRESSURE SENSITIVE**

**Scope:** This specification covers pressure-sensitive electrical insulating tape.

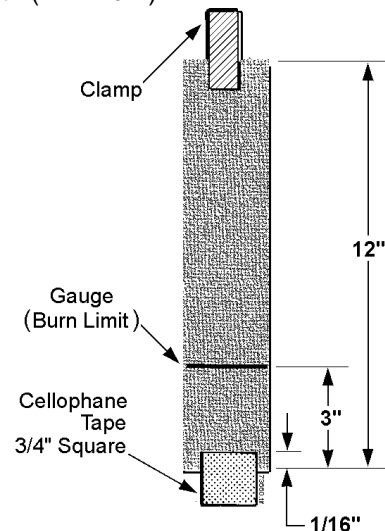
**Applicable Specifications:** Except as modified herein, this tape shall meet the applicable electrical and physical requirements of Military Specification MIL-I-7798. Electrical and physical tests shall be in accordance with ASTM D 1000, except for flammability test which shall be conducted as indicated below.

In all cases where this specification conflicts with the reference specifications, this specification shall prevail.

**Properties and Tests**

Length .....	36 yards
Width .....	1 or 2 inches
Thickness .....	10 mils
Breaking Strength .....	26 lbs./in. width (minimum)
Ultimate Elongation .....	150% (minimum)
Adhesion Strength .....	25 oz./in. width (minimum)
Dielectric Strength, Dry .....	10,000 volts

**Flammability Tests:** These tests shall be conducted as follows: Two test specimens of 12 inches in length shall be taken from each roll tested. A gauge mark shall be drawn across the specimen three inches from one end. A 3/4" x 3/4" square of cellophane tape is attached to the adhesive side so that it laps 1/16" as shown in sketch. The specimen is clamped vertically in the test chamber with the cellophane tape at the bottom. Light the cellophane tape and close the door of the test chamber. Tapes will be considered to have failed this test if burning extends beyond the gauge line.



**Freshness and Dating:** No tape will be accepted under this specification that was manufactured more than six months previous to delivery. The date of manufacture shall be marked on each shipping container.

**Packaging:** Each roll shall be on a core of not less than one-inch diameter and shall be individually packaged in plastic or metal container.

**Reference Specifications:** MIL-I-7798; ASTM D1000, latest revisions.

**Stock Unit:** RL

Stock Number	Width, Inches	Approved Manufacturers				
		3M	Nashua	Permacel	Plymouth	Werner
736644	1	22	A-10	P-30-105	3874-81	Cable-wrap 10
736650	2	22	A-10	P-30-105	3865-81	Cable-wrap 10

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